



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Valenzuela et al.

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Art Unit: 2872

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Serial No.: 09/577,209

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Examiner: Shafer, Ricky D.

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Filed: May 23, 2000

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For: TELESCOPE MIRROR FOR
HIGH BANDWIDTH FREE
SPACE OPTICAL DATA
TRANSMISSION

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REMARKS

The Office Action dated December 27, 2003, has been carefully reviewed. No amendment to the application is being made in this Response.

Claims 1-30 are pending in this application. Claims 1-23 and 25-30 are subject to a Restriction Requirement.

The Office Action requires election of one of three groups of claims. As set forth in the Office Action, the first Group, Group I, contains Claims 1-13, drawn to a method of manufacturing a telescope mirror comprising providing a mandrel, depositing a reflective layer, electroforming a mirror body, and releasing the mirror body with the reflective layer, wherein the electroforming and releasing processes serve to suppress internal mechanical tension within the mirror body, classified in class 205, subclass 71. The second Group, Group II, contains Claims 14-23 and 25, drawn to a device for high bandwidth free space optical data transmission comprising a reflector/mirror body and a reflective coating/layer, classified in class 359, subclass 838. The third Group, Group III, contains Claims 27-30 drawn to a method of high bandwidth free space optical data transmission from a transmitter station to a receiver station, wherein at